

# Converting Colors

Hex(32ED38)

Have a look what the booklet for  
Hex(32ED38) contains.

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**Color**

**Hex(32ED38)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32ED38
RGB	50, 237, 56
RGB Percent	20%, 93%, 22%
CMY	0.8039, 0.0706, 0.7804
CMYK	0.79, 0.00, 0.76, 0.07
HSL	122°, 84%, 56%
HSV	122°, 79%, 93%
XYZ	32.3134, 61.5320, 13.9152
YIQ	160.4530, -53.3510, -95.9350

# Conversions

## Conversions Part 2

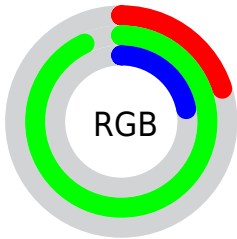
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 231, 237
Decimal	3337528
CIELab	82.66, -76.31, 69.37
CIELCh	83, 103.126, 137.727
Yxy	61.5320, 0.2999, 0.5710
Android (android.graphics.Color)	4281527608 (0xFF32ED38)
YUV	160.4530, -51.4953, -96.8673
Hunter-Lab	78.4423, -63.7431, 44.3920

# Details

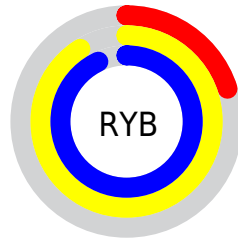
The Hex color **32ED38** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **ED32E7**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **80FF73**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **1AED21**, and if you desaturate by 10%, it is **4AED4F**.

# Distribution



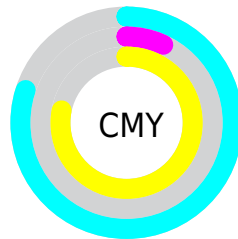
- Red (20%)
- Green (93%)
- Blue (22%)



- Red (20%)
- Yellow (91%)
- Blue (93%)



- Cyan (79%)
- Magenta (0%)
- Yellow (76%)
- Black (7%)



- Cyan (80%)
- Magenta (7%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32ED38 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 32ED38 by changing the saturation by 10% instead.



 32ED38

FFFFFF

 80FF73

 A1FF90

 C1FFAC


 E1FFC9

 FFFFE7

 32ED38

 00D00F


 00B300

 009700

 007C00

 006200

 004800

 002F00

 001100

 000000

 32ED38

 32ED38

 1AED21

 4AED4F

 03ED0A

 61ED66

 00ED08

 79ED7D

 91ED94

 A9EDAB

 C0EDC2

 D8EDD9

 F0EDF0

 FFEDFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C1DB00



32ED38



00F6A1

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32ED38



00E5FF



FF5E99

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32ED38



ED32E7

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF62FA



32ED38



54C6FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32ED38



00F4FF



FF95FF



FF8D3C

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32ED38



00F8E5



FF95FF



FF57B9

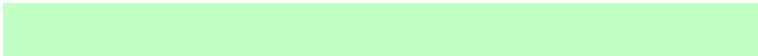


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32ED38



C2FFC4



EAED32



5B805C



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32ED38



0DFF15



32ED93



6A756A



00B506



003602



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



ED32E7



FF0DF7



ED328C



756A75



B500AF

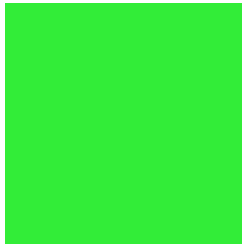


360034



# Previews

## White Background



This preview shows how the Hex color 32ED38 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 32ED38 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 32ED38 Background



This preview shows how black text looks on a background with the Hex color 32ED38.

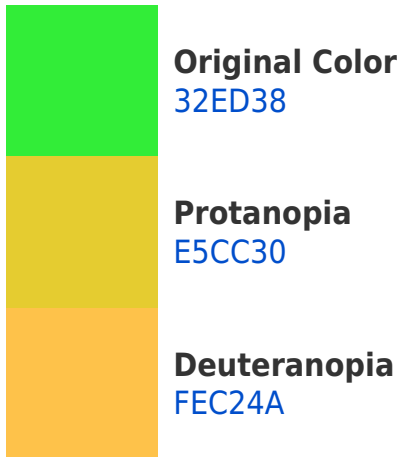


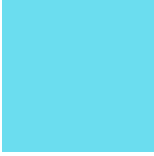
This preview shows how white text looks on a background with the Hex color 32ED38.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

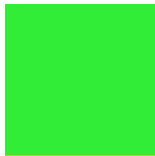
## Dichromacy





**Tritanopia**  
6BDDEF

# Trichromacy



**Original Color**  
32ED38



**Protanomaly**  
A4D833



**Deuteranomaly**  
B4D243



**Tritanomaly**  
56E3AC

# Monochromacy



**Original Color**  
32ED38



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
78BC7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32ED38 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #32ED38 looks like.

```
.text, #text, p{  
    color:#32ED38  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #32ED38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32ED38
}
```

## Border

The CSS property to change the border of an element to Hex 32ED38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#32ED38 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#32ED38 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #32ED38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32ED38; -webkit-box-shadow:4px 4px  
4px 4px #32ED38; box-shadow:4px 4px 4px  
4px #32ED38 }
```

# Background

The CSS property to change the background color of an element to Hex 32ED38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32ED38 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#32ED38 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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